

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/37188

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : G02B 6/00 ; H0ZL21/00 ; G03F 7/004, 7/075 US CL : 430/ 270.1, 281.1, 311; 438/ 31 According to International Patent Classification flPO or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. . 430/ 270.1, 281.1, 311; 438/ 31		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	JP 2005-164650 (OTAKI et al) 23 June 2005 (23.6.2005), abstract, [0007], claims.	1-129
Y, P	US 6,677,175 (ZHAO et al) 13 January 2004 (13.1.2004) entire document.	1-129
Y	US 6,538,087 (ZHAO et al) 25 March 2003 (25.3.2003) entire document.	1-129
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		D See patent family annex.
* Special categories of cited documents		
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"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 06 January 2006 (06.01.2006)		Date of mailing of the international search report 18 JATp9
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